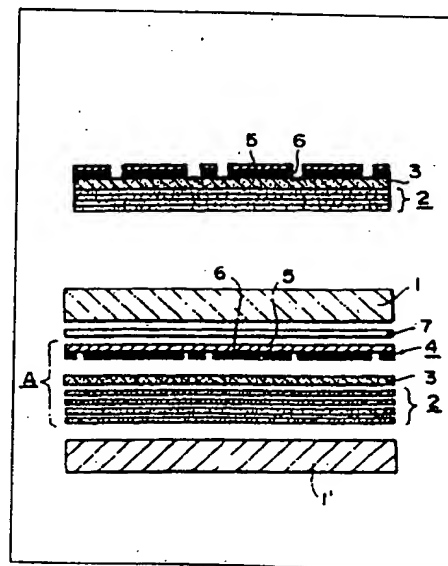


WPI

- TI - Mfg. decorative boards with partially raised pattern - by first laminating thermosetting resin-impregnated substrate core sheets with paper including titanium white
- AB - J56101817 Substrate core sheets impregnated with a thermosetting resin (e.g. unbleached kraft paper impregnated with phenol resin) is laminated with paper including titanium white for masking the surface and residual moisture (10-25 g/m<sup>2</sup>) and impregnated with a thermosetting resin (e.g. melamine resin) and then with water-soluble film (e.g. PVA, poly(sodium acrylate), methyl cellulose, CMC, polyethylene oxide, PVP, acrylic amide, dextrine, glue, gelatin and acacia) printed with a pattern with an ink of oily type (e.g. those contg. cellulose acetate or polybutyral base) and having a thickness of 50-100 microns so that the printed pattern is contacted directly with the moistened paper substrate and the laminate is hot pressed to dissolve the blank portions of printed pattern to keep the printed pattern as the raised portions.
- Process provides melamine decorative boards having a registered embossed pattern.
- PN - JP56101817 A 19810814 DW198139 003pp  
- JP60026708B B 19850625 DW198529 000pp
- PR - JP19800002650 19800116
- PA - (NIPQ) DAINIPPON PRINTING CO LTD
- MC - A11-B09B A12-A04A
- DC - A32 A94 P73 P78
- IC - B29C23/00 ;B32B31/12 ;B32B33/00 ;B44C3/02 ;B44C5/04
- AN - 1981-70930D [39]

PAJ

- TI - MANUFACTURE OF DECORATIVE BOARD
- AB - PURPOSE: To obtain a decorative board with the grain of harmonized embossment and abstract patterns by a method wherein a printed film is used which is manufactured by reversely printing one section of a water-soluble film with oily ink, and the nonpattern sections of the water-soluble film are dissolved by moisture remaining in impregnated titanium paper.
- CONSTITUTION: Resin impregnated core stock 2 as a base material, resin impregnated titanium paper 3 containing residual moisture and a printed film 4 are successively laminated. The printed film 4 is manufactured by reversely printing patterns 6 by oily ink to one section of a water-soluble film 5, and a pattern surface is arranged toward the impregnated titanium paper 3 side. The patterns 6 are of the reverse blocks of grain vessel sections when they are grain patterns. When these laminates are held between a pair of heating plates 1, 1' and molded in thermally pressed shapes, the nonpattern sections of the water-soluble film 5 are dissolved by moisture remaining in the impregnated titanium paper 3, the sections are changed into concave sections, and embossement harmonized to the patterns 6 is formed.
- PN - JP56101817 A 19810814
- PD - 1981-08-14
- ABD - 19811110
- ABV - 005174
- AP - JP19800002650 19800116
- GR - M096
- PA - DAINIPPON PRINTING CO LTD
- IN - SHIMA MUTSUO
- I - B29C23/00 ;B32B33/00
- SI - B44C3/02 ;B44C5/04



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